

b. selectively providing access to all of (1) information about a patient's prescription history, (2) information about pharmaceuticals arranged by medical conditions for which the pharmaceuticals are suitable for treating, and (3) information about the properties of pharmaceuticals using said user interface, and

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c. selectively communicating with one or more other computers run respectively by or on behalf of one or more of a group consisting of (a) a Health Maintenance Organization, (b) an insurance company, (c) a drug benefit plan, (d) a pharmacy run by a different organization than the organization running the user computer, (e) a laboratory, and (f) a physician practice.

73. (Amended) The method of claim 72, further comprising the step of gathering information from more than one of said one or more other computers and presents that information to a user through said graphical user interface.

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74. (Amended) The method of claim 73 further comprising the step of gathering information from more than one of said one or more other computers and compiling that information into a prescription history for a patient.

75. (Amended) The method of claim 73, further comprising the step of gathering information from more than one of said one or more other computers and compiling that information into said information about pharmaceuticals.

76. (Amended) The method of claim 73, further comprising the step of gathering information from more than one of said one or more other computers and compiling that information into said information about the properties of pharmaceuticals.

77. (Amended) The method of claim 70, further comprising the step of permitting a user to send a prescription directly to a pharmacy to be filled over said communications medium, using said graphical user interface.

78. (Amended) The method of claim 70, further comprising the step of selectively arranging information about pharmaceuticals in at least two of (1) the order of frequency with which pharmaceuticals are prescribed by a user, (2) in alphabetical order, (3) in order of condition treated and (4) in order of pharmaceuticals prescribed for a particular patient.

79. (Amended) The method of claim 70, further comprising the step of arranging information about pharmaceuticals in order of the body system treated by the pharmaceuticals.

80. (Amended) The method of claim 70, further comprising the step of selectively arranging information about pharmaceuticals by drug category.

81. (Amended) The method of claim 70, further comprising the step of when a pharmaceutical is prescribed for a condition, and the pharmaceutical is not the best first line

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agent for treatment of that condition, suggesting an alternative pharmaceutical to be prescribed instead.

82. (Amended) The method of claim 81, further comprising the step of retrieving guidelines relating to the use of said alternative pharmaceutical using said graphical user interface.

83. (Amended) The method of claim 70, further comprising the step of said arranging information about a patient's prescription history by condition for which a prescription was written.

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84. (Amended) The method of claim 70, in which said user computer is a personal digital assistant.

85. (Twice Amended) A computer implemented method of creating a prescription, comprising the steps of:

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- a. capturing prescription information using a computer interface of a personal digital assistant;
 - b. formatting said prescription information for communications; and
 - c. sending said prescription formation to a pharmacy located remotely from a facility at which said prescription information is captured over a communication link to be filled.

86. (Amended) The method of claim 85, in which said prescription information includes the condition to be treated by the prescribed item.

87. (Amended) The method of claim 85, in which said prescription information is selected from a predefined list.

84 88. (Amended) The method of claim 87, in which said predefined list is arranged in order of frequency of prescription for a specified condition to be treated.

89. (Amended) The method of claim 87, in which said predefined list is arranged in order of cost.

90. (Amended) The method of claim 87, in which said predefined list is arranged in order of therapeutic preference according to drug formulary guidelines.

91. (Twice Amended) A method of compiling a patient record at a location, comprising the steps of:

65 a. interrogating databases located remotely from said location expected to contain information about a patient based on a patient's relationship with the provider of that database; and

b. assembling patient information into a chronologically current version of said patient's medical history.

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92. (Amended) The method of claim 91, further comprising the step of discarding said current version of said patient's medical history without creating a file copy.

94. (Thrice Amended) A method of using a computerized prescription system, having

at least one user computer, said user computer having a graphical user interface comprising the steps of:

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- a. permitting capture of prescription information and
 - b. providing access to all of (1) information about a patient's medical history, (2) information about therapeutic agents and (3) information about individual prescriber activity, wherein the information from only databases located remotely from the location of said user computer.

99. (Thrice Amended) A computer program product, comprising:

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- a. a memory medium; and
 - b. a computer program stored on said memory medium, said computer program containing instructions for capturing prescription information and providing access to all of (1) information about a patient's prescription history, (2) information about pharmaceuticals arranged by medical conditions for which the pharmaceuticals are suitable for treating, and (3) information about the properties of pharmaceuticals, wherein said computer program comprises further instructions to communicate with one or more other computers run respectively by or on behalf of one or more of a group consisting of (a) a Health Maintenance Organization, (b) an insurance company, (c) a drug benefit

plan, (d) a pharmacy run by a different organization than the organization running the user computer, (e) a laboratory, and (f) a physician practice.

100. (Thrice Amended) A computer program product, comprising:

a. a memory medium; and

b. a computer program stored on said memory medium, said computer program containing instructions for capturing prescription information using a computer interface of a personal digital assistant, for formatting said prescription information for communications; and sending said prescription formation to a pharmacy located remotely from said personal digital assistant over a communication link to be filled.

101. (Twice Amended) A computer program product, comprising:

a. a memory medium; and

b. a computer program stored on said memory medium, said computer program containing instructions for interrogating databases remotely located from a computer running said computer program expected to contain information about a patient based on a patient's relationship with the provider of that database; and for assembling patient information into a chronologically current version of said patient's medical history.

102. (Thrice Amended) A computer program product, comprising:

a. a memory medium; and

b. a computer program stored on said memory medium, said computer program containing instructions for implementing a graphical user interface permitting capture of